

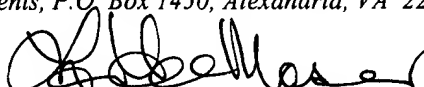


A-68918/ENB
468880-7

CERTIFICATE OF MAIL (37 CFR 1.8(a))

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: August 9, 2004.

by:


Laura Lee Mosier

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JOHN H. HEANUE *et al.*

Application No. 09/491,429

Filed: January 26, 2000

For: WIDELY TUNABLE LASER

Art Unit: 2828

Examiner: Rodriguez, Armando

Date: August 9, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

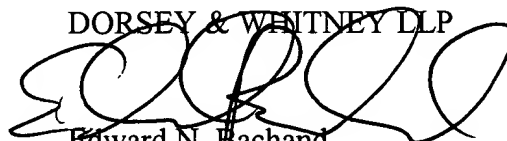
Applicant submits herewith patents and publications which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. While this Statement may be "material" pursuant to 37 C.F.R. §1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such. A listing of patents and publications is shown on enclosed PTO Form 08A and a copy of each patent and publication is also enclosed.

This information disclosure statement is being filed in compliance with 37 CFR 1.97(c)(1) and we state that no item of information contained in the Information Disclosure

Statement submitted herewith, was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Respectfully submitted,

DORSEY & WHITNEY LLP

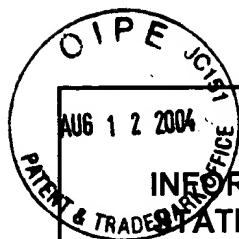
A large, stylized handwritten signature in black ink, appearing to read 'E. Bachand', is written over the printed name and firm name.

Edward N. Bachand

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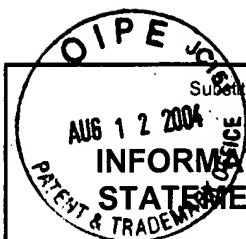
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Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/491,429
				Filing Date	January 26, 2000
				First Named Inventor	John F. HEANUE
				Art Unit	2828
				Examiner Name	Rodriguez, Armando
Sheet	1	of	5	Attorney Docket Number	A-68918/ENB (468880-00007)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,460,977	07-14-1984	Shimada et al.	
	A2	4,504,950	03-13-1985	AuYeung	
	A3	4,560,246	12-24-1985	Cotter	
	A4	4,583,227	04-15-1986	Kirkby	
	A5	4,770,047	09-13-1988	Arditty et al.	
	A6	4,839,614	06-13-1989	Hill et al.	
	A7	4,843,233	06-27-1989	Jeunhomme	
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	A20	5,172,185	12-15-1992	Leuchs et al.	
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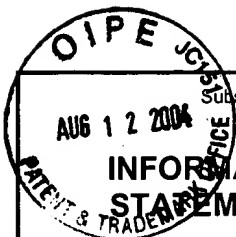
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				Examiner Name	Rodriguez, Armando
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	A31	5,327,447	07-05-1994	Mooradian	
	A32	5,331,651	07-19-1994	Becker et al.	
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	A34	5,349,440	09-20-1994	DeGroot	
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	A37	5,412,474	05-02-1995	Reasenbergs et al.	
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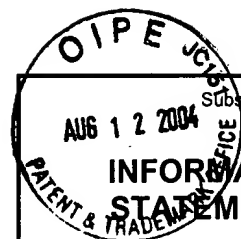
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	A61	5,825,792	10-20-1998	Villeneuve et al.	
	A62	5,848,092	12-08-1998	Mitsumoto et al.	
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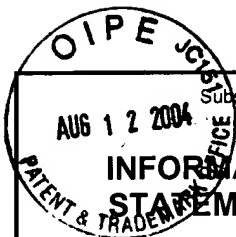
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FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
	C1	FAVRE, F. <i>et al.</i> , "External Cavity Semiconductor Laser", <i>Electronics Letters</i> , January 17, 1991, Vol. 27, No. 2, pp. 183-184.				
	C2	MacLEOD, H.A., "Thin-Film Optical Filters, Second Edition", McGraw-Hill, 1989, pp. 244-269.				
	C3	KETELSEN, L.J.P., "Simple Technique for Measuring Cavity Loss in Semiconductor Lasers", <i>Electronic Letters</i> , August 18, 1994, Vol. 30, No. 17, pp. 1422-1424.				
	C4	MELLIS, J. <i>et al.</i> , "Miniature Packaged External-Cavity Semiconductor Laser with 50 GHz Continuous Electrical Tuning Range", <i>Electronic Letters</i> , August 4, 1988, Vol. 24, No. 16, pp. 988-989.				
	C5	SCOBEY, M., <i>et al.</i> , "Stable Ultra-Narrow Bandpass Filters", <i>SPIE</i> , Vol. 2262, pp. 37-46.				
	C6	SHTENGEL, G. E., <i>et al.</i> , "Internal Optical Loss Measurements in 1.3 μ m InGaAsP Lasers", <i>Electronic Letters</i> , July 6, 1995, Vol. 31, No. 14, pp. 1157-1159.				
	C7	SIEGMAN, A.E., "LASERS", <i>University Science Books</i> , Chapter 11: Laser Mirrors and Regenerative Feedback, Section 11.5 Optical-Cavity Mode Frequencies, pp. 432-440.				
	C8	TAKAHASHI, H., "Temperature Stability of Thin-Film Narrow-Bandpass Filters Produced by Ion-Assisted Deposition", <i>Applied Optics</i> , February 1, 1995, Vol. 34, No. 4, pp. 667-675.				

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